

# Exhibit 6

**U.S. Patent No. 8,677,398 (“’398 Patent”)**

Facebook’s advertising platform and all variations thereof infringe at least Claim 13 of the ’398 Patent.

Claim 13	Facebook’s advertising platform
<p>13[pre]. A method implemented using a programmed hardware computer system, the method comprising:</p>	<p>To the extent the preamble is limiting, Facebook’s advertising platform performs a method implemented using a programmed hardware computer system.</p> <p>The programmed hardware computer system includes, for example, Facebook ad servers.</p> <p><i>See, e.g.,</i> evidence and analysis for claim limitations (a)-(b) below.</p>
<p>(a) based on first electronic profile data associated with an electronic identifier of a first device, automatically causing, with the computer system, an action to be taken with respect to a second device that is indicated at the time of the action by an electronic identifier electronically associated with the first device identifier;</p>	<p>Based on a first electronic profile data associated with an electronic identifier of a first device, Facebook’s advertising platform automatically causes, with the computer system, an action to be taken with respect to a second device that is indicated at the time of the action by an electronic identifier electronically associated with the first device identifier.</p> <p>For example, Facebook’s advertising platform creates and stores electronic profile data associated with an electronic identifier of a first device, such as a behavioral profile of a user that is associated with an electronic identifier of a first device (e.g., a device identifier that identifies a device such as a personal computer).</p> <p><i>See, e.g.:</i></p>

### Select your audience.

Using what you know about the people you want to reach—like age, location and other details—choose the demographics, interests and behaviors that best represent your audience.

[Learn more about audiences](#)

The screenshot shows the 'Audience' selection interface. At the top, it says 'Audience' and 'Define who you want to see your ads. Learn more.' Below this are two tabs: 'Create New' (selected) and 'Use a Saved Audience'. Under 'Create New', there is a section for 'Custom Audiences' with a button 'Add Custom Audiences or Lookalike Audiences'. Below that is a section for 'Locations' with a dropdown menu set to 'Everyone in this location'. A search bar shows 'United States' with a location pin icon. Below the search bar is a button 'Include' and a text input 'Type to add more locations'. There is also a button 'Add Locations in Bulk' and a 'Browse' button. At the bottom, there are filters for 'Age' (18 to 30) and 'Gender' (All, Men, Women). A 'Languages' section at the bottom has a text input 'Enter a language...'.

### Decide where to run your ad.

Next, choose where you want to run your ad—whether that's on Facebook, Instagram, Messenger, Audience Network, or across them all. In this step, you can also choose to run ads on specific mobile devices.


[Learn more about ad placements](#)

The screenshot shows the 'Placements' selection interface. At the top, it says 'Placements' and 'Show your ads to the right people in the right places.' Below this is a section for 'Automatic Placements (Recommended)' with a radio button. The text says 'Your ads will automatically be shown to your audience in the places they're likely to perform best. For this objective, placements may include Facebook, Instagram and Audience Network. Learn more.' Below this is a section for 'Edit Placements' with a radio button. The text says 'Removing placements may reduce the number of people you reach and may make it less likely that you'll meet your goals. Learn more.'

<https://www.facebook.com/business/ads>

## How can I adjust how ads on Facebook are shown to me based on data about my activity from partners?


Computer Help ▾

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To show you more relevant ads, we receive and use data that advertisers and other partners provide to us about your activity on their websites and apps, as well as some of your offline interactions, such as purchases. For example, we may show you an ad for a shirt based on your visit to a clothing website.

You can control whether you see ads based on your activity off of Facebook, through **Data About Your Activity From Partners** in your [Ad Preferences](#).

To view and adjust this setting:

1. Click  in the top right of Facebook.
2. Select **Settings & Privacy**, then click **Settings**.
3. Scroll down and click **Ads** in the left menu.
4. Click **Data about your activity from partners**.
5. Select whether we can use data from our partners to show you ads.

Keep in mind, this setting controls whether we can show you personalized ads on Facebook based on data about your activity from our partners. If you turn off this setting, the ads you see may still be based on your activity on our platform. They may also be based on information from a specific business that has shared a list of individuals or devices with us, if we've matched your profile to information on that list.

This setting only applies to ads you see across your Facebook account, including on Messenger, and to ads you see on websites, apps and devices that are delivered by Facebook's advertising services. This setting does not apply to ads you see on Instagram, unless you've enabled connected experiences across your Instagram and Facebook accounts. Learn [how to adjust how ads are shown to you on Instagram](#).

If you've enabled connected experiences across your Instagram and Facebook accounts, you can also adjust your Instagram ad experience through the **Data About Your Activity From Partners** setting.

<https://www.facebook.com/help/568137493302217>

#### **Device Information**

As described below, we collect information from and about the computers, phones, connected TVs and other web-connected devices you use that integrate with our Products, and we combine this information across different devices you use. For example, we use information collected about your use of our Products on your phone to better personalize the content (including ads) or features you see when you use our Products on another device, such as your laptop or tablet, or to measure whether you took an action in response to an ad we showed you on your phone on a different device.

<https://www.facebook.com/about/privacy>

**Information from partners.**


Advertisers, app developers, and publishers can send us information through Facebook Business Tools they use, including our social plug-ins (such as the Like button), Facebook Login, our APIs and SDKs, or the Facebook pixel. These partners provide information about your activities off Facebook—including information about your device, websites you visit, purchases you make, the ads you see, and how you use their services—whether or not you have a Facebook account or are logged into Facebook. For example, a game developer could use our API to tell us what games you play, or a business could tell us about a purchase you made in its store. We also receive information about your online and offline actions and purchases from third-party data providers who have the rights to provide us with your information.

Partners receive your data when you visit or use their services or through third parties they work with. We require each of these partners to have lawful rights to collect, use and share your data before providing any data to us. Learn more about the types of partners we receive data from.

To learn more about how we use cookies in connection with Facebook Business Tools, review the Facebook Cookies Policy and Instagram Cookies Policy.

<https://www.facebook.com/privacy/explanation#>

## The Facebook Business Tools

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The Facebook Business Tools are technologies offered by Facebook Inc. and Facebook Ireland Limited that help website owners and publishers, app developers, and business partners, including advertisers and others, integrate with Facebook, understand and measure their products and services, and better reach and serve people who use or might be interested in their products and services. These Business Tools include [Facebook Pixel](#), [Conversions API](#), [App Events via Facebook SDK](#), [Offline Conversions](#), and [App Events API](#). We also receive Business Tools data in the form of impression data sent by [Facebook Social Plugins](#) (for example the Like and Share buttons) and [Facebook Login](#), as well as data from certain APIs such as [Messenger Customer Match](#) via the Send API and from certain pilot, test, alpha, or beta programs that we may offer from time to time. Please see the [Facebook Business Tools Terms](#) for more information.

<https://www.facebook.com/help/331509497253087>

## About Cross-Device Reporting

200 views

Cross-device reports let you see which devices people saw your ads on before converting on your app or website.

For example, if you see an ad for a product on your mobile phone, but decide to buy it later on your desktop computer, this conversion could be captured in a cross-device report.

Keep in mind that to view the cross-device report you have to have the [Facebook pixel](#) or the [Facebook SDK](#) installed on your website or mobile app, and select the conversion or App Events in your ads.

In your reports, you might see **N/A** or **Other**. **N/A** will appear if the date range you selected includes days before the reporting cut-off of July 3rd 2014, or if there are no conversions in this campaign. **Other** includes Windows Phones, Kindle, Amazon Fire Devices, Nokia devices, feature phones, and more.

<https://www.facebook.com/business/help/266118906912295?id=768381033531365>

## Cookies & Other Storage Technologies

Cookies are small pieces of text used to store information on web browsers. Cookies are used to store and receive identifiers and other information on computers, phones, and other devices. Other technologies, including data we store on your web browser or device, identifiers associated with your device, and other software, are used for similar purposes. In this policy, we refer to all of these technologies as “cookies.”

### Advertising, recommendations, insights and measurement

We use cookies to help us show ads and to make recommendations for businesses and other organizations to people who may be interested in the products, services or causes they promote.

Cookies help us serve and measure ads across different browsers and devices used by the same person.

Cookies also allow us to provide insights about the people who use the Facebook Products, as well as, the people who interact with the ads, websites, and apps of our advertisers and the businesses that use the Facebook Products.

<https://www.facebook.com/policies/cookies/>

(b) wherein the electronic association between the first and second device identifiers is based on connection, before the action, of each of the first and second devices, independently of the other, to a common local area network, wherein the computer system is connected to the local

The electronic association between the first and second device identifiers is based on connection, before the action, of each of the first and second devices, independently of the other, to a common local area network, wherein the computer system is connected to the local area network through the Internet but is not in the local area network.



area network through the Internet but is not in the local area network.

For example, the electronic association between the first and second device identifiers is based on those devices' independent connection to the same local area network, as indicated, e.g., by use of the same IP address before the action is taken.

*See, e.g.:*

**Device Information**

As described below, we collect information from and about the computers, phones, connected TVs and other web-connected devices you use that integrate with our Products, and we combine this information across different devices you use. For example, we use information collected about your use of our Products on your phone to better personalize the content (including ads) or features you see when you use our Products on another device, such as your laptop or tablet, or to measure whether you took an action in response to an ad we showed you on your phone on a different device.

As a further example, the servers of Facebook's advertising platform are connected to the local area network through the Internet, but those servers are not in those local area network.

- **Device attributes:** information such as the operating system, hardware and software versions, battery level, signal strength, available storage space, browser type, app and file names and types, and plugins.
- **Device operations:** information about operations and behaviors performed on the device, such as whether a window is foregrounded or backgrounded, or mouse movements (which can help distinguish humans from bots).
- **Identifiers:** unique identifiers, device IDs, and other identifiers, such as from games, apps or accounts you use, and Family Device IDs (or other identifiers unique to Facebook Company Products associated with the same device or account).
- **Device signals:** Bluetooth signals, and information about nearby Wi-Fi access points, beacons, and cell towers.
- **Data from device settings:** information you allow us to receive through device settings you turn on, such as access to your GPS location, camera or photos.
- **Network and connections:** information such as the name of your mobile operator or ISP, language, time zone, mobile phone number, IP address, connection speed and, in some cases, information about other devices that are nearby or on your network, so we can do things like help you stream a video from your phone to your TV.
- **Cookie data:** data from cookies stored on your device, including cookie IDs and settings. Learn more about how we use cookies in the Facebook Cookies Policy and Instagram Cookies Policy.

<https://www.facebook.com/about/privacy>